

## ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

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**Date/Time:** August 3, 2005

**Site Contact(s):** Karen Wiemelt, Norma Castaneda, Rich Schassburger, Susan Serreze, Annette Primrose

**Regulatory Contact:** David Kruchek, Harlen Ainscough, Larry Kimmel, Sam Garcia, Todd Bechtel  
CDPHE and EPA

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**Purpose of Contact:** Historic data disposition

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### Discussion

In preparing the RI/FS, the entire data set is being evaluated. In doing so, a few historic sample locations show results above RFCA WRW action levels. These are shown on the attached figures. As agreed in the meeting on August 3<sup>rd</sup>, these will be dispositioned as follows:

### Metals

- Arsenic is often seen at values slightly higher than background values. Consistent with other NFAA decisions, no further action will be taken for these values.
- Vanadium exceedances at the PU&D yard will be excavated. Confirmation samples will be collected from the four sidewalls of the excavation. No sample will be collected from the floor of the excavation if the previous sample results confirmed that this was only a surface exceedance. If the previous results do not confirm this, a sample will be collected from the floor of the excavation.

### Radionuclides

- Plutonium exceedances in the Buffer Zone will be resampled and analyzed by alpha spectroscopy to determine if an action is required. Samples will be collected as a 5-point composite across the original sample area to be consistent with the original samples. The sample areas were 2.5 and 10-acre plots. Consistent with the original methodology, samples will be composited from each corner of the plot and the center. Sample depths will be from 0 to 6" for each incremental sample making up the composite sample. Sample results are anticipated to be below action levels based on the recent field gamma spectroscopy samples. The location within the B776 footprint area will be categorized as no longer representative because an accelerated action has recently occurred in this area. These data will be incorporated into the RI/FS.

### Organics

- Benzo (a) pyrene exceedances are found in various areas throughout the IA, most likely as a result of previous asphalt surfaces. Many appear to be in highly disturbed/remediated areas. The locations will be evaluated to determine whether they should be categorized as no longer representative in the database. Additional

evaluation will be made if an area is undisturbed and will be at the surface at final grade.

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**Contact Record Prepared By: Karen Wiemelt**

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Required Distribution:

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Additional Distribution:

Sam Garcia, USEPA  
Larry Kimmel, USEPA  
Todd Bechtel, Greystone  
Rich Schassburger, DOE

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